

DIESEL GENERATOR SET F16.5D5

SPECIFICATION

Model	Power Rating		Voltage Available		
	PRIME(1)	STANDBY(2)			
F16.5D5	400V/50Hz 12KW PF:0.8	13KW 16.5KVA	380/220v	400/230v	415/240v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	F16.5D5
Motor	FAW 4DW81-23D
Alternator	AGG alternator
Speed Control Type	Mechanic
Phase	Three
Fuel Tank Capacity	70L
System Voltage	24V
Frequency	50HZ
Air Consumption	1.4 m ³ /min
Exhaust Gas Flow	4.2 m ³ /min
Exhaust Temperature	550°C



Engine

Maximum Output(kw)	19
Number of Cylinders	4
Aspiration	Natural
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water Cooled
Bore	85mm
Stroke	100mm
Displacement	2.27 L
Compression Ratio	17:1
Lubrication Capacity	7.8 liter

Fuel consumption	1500rpm g/kWh
100% Prime Power(1)	240

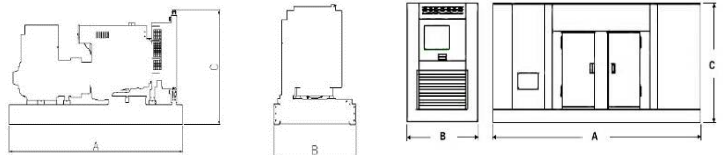
Alternator

Insulation	Clase"H"
Excitation Type	Self-excitation (PMG for optional)
Protection Class	IP23

Dimension	Silent
Length (A)	2100mm
Width (B)	750mm
Height (C)	1130mm
Net Weight	810KG

Certificates

Engine	ISO 3046,BS 5514,DIN 6271
Alternator	UTE NFC 51-111-105-110 ICE34-1,BS 5000-4999 NEMA MG 21,VDE 0530 ISO 8528
Generator Set	



(1)Prime Power: ratings are as per DIN 6271,BS55114 and ISO-3046 with 10% overload capacity

(2)Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use

(3)Operation at Altitude ≤1500m, Ambient temperature ≤ 40°C).If altitude higher than 1500m, each 100m will cause additional de-rating 1%.

Certificacion ISO 9001:2000